

TNF-4 Production (% Control = 5D)

Title: "Methods of Inhibiting Alcohol Consumption"
Inventors: Eric Garver et al.
U.S. Patent Appl. No.: 09/932,300
Attorney Docket No. 9855-3U2 Cust # 570

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Name of ASO	1	1	0796	2755	1906	2350	3004	3208	3466
Motif containing	1	ı	0 Z	YES	YES	YES	YES	YES	YES
LPS stimulation	0 N	YES	YES	YES	YES	YES	YES	YES	YES
TNF-α inhibition	1	1	48%	92%	80%	18%	77%	8%	O N
TNF-& mRNA				8			STATE !		
18S rRNA									

Fig. 3

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61 tcct 121 cago 181 cago 241 ttag 301 gggg 361 agag 421 gtgt 481 tgcs	ttgaggcc gcctcag ctttctg gaaggaa catgGGG ccccct tgtcccc agggccc gctggtt ttggcac	tcaagcctgc gactcaacac aagcccctcc acagaccaca Acggggttca cggaatcgga aactttccaa actaccgctt gaatgattct	ccaagccc cttttccc gttctagt cctggtcc ctccaggg aGGGAgga ccccgccc tccagatg cccagatg	cagctcc ccaaccc ctatctt caaaaga cctacac gGGGAgt cgcgatg	ctccccgcag tttctctcccc tcctgcatcc tggaggcaat	acccaaac caacggac gtctggaa
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41 aag	gatgGG	Aagagagag	gagaaagat	gag	gatgtctggc	acatggaagg
01 tgc	cacta	tgtgtatgg	tgaatgaa	tgaatgaatg	atge	atat
61 aat	agata	agacagat	gtggggtgtg	agaagaga	tggGGGAaga	aacaagtgat
21 atg	ataaa	atggtgagac	aaagagcG	GGAaatatga	cagctaagga	gagagatggg
81 gga	ataag	gagaagaag	agggtgtc	tggcacacag	aagacactca	Aaagag
41 tgt	gaatg	gaaggtga	atacacagat	gaatggagag	agaaaaccag	cacctcag
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Fig. 4A

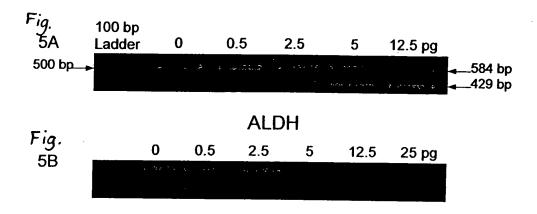
4B
Fig.

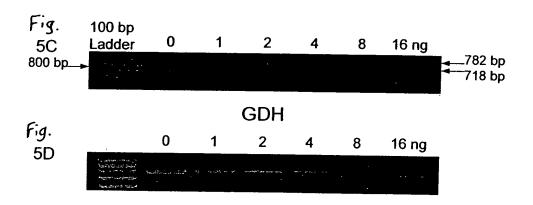
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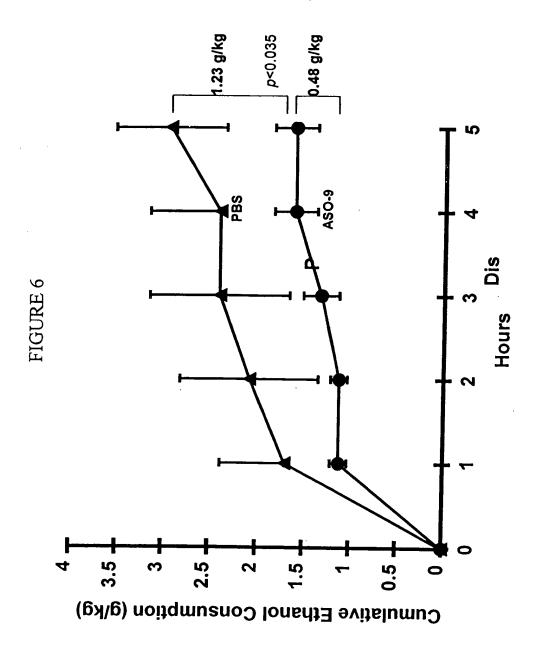
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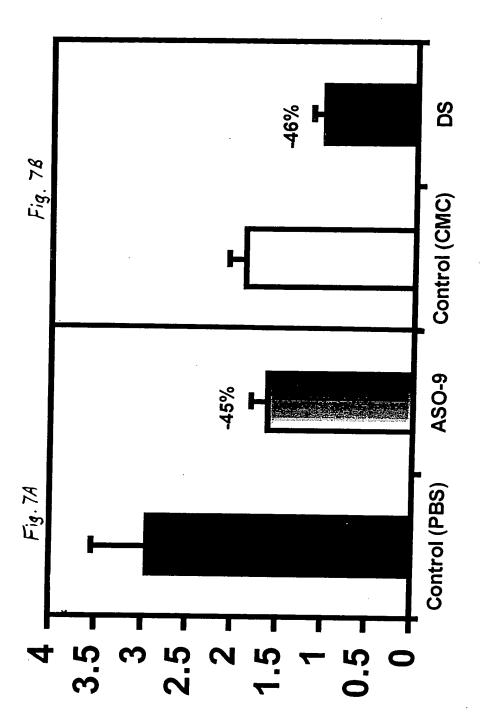
Fig. 4C



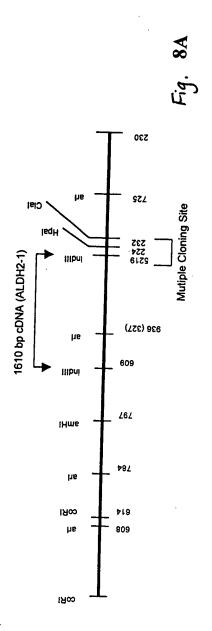


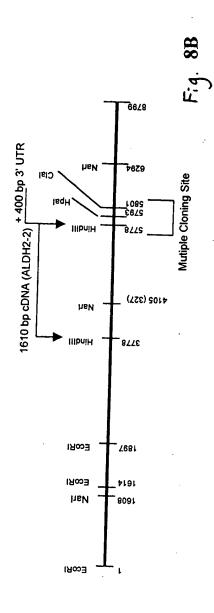






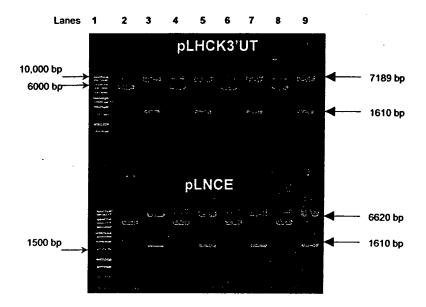
Cumulative Ethanol Consumption (g/kg)





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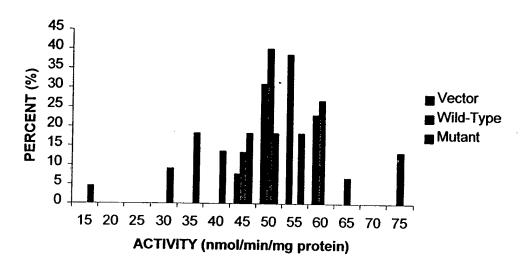
FIGURE 9



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FIGURE 10

H4-II-E-C3 TRANSDUCTION



GCTTTATCTG	CTAAGCTCCG	CTCAGTTCAG	CATGCTGCGC
GCCGCACTCA	GCACCGCCCG	CCGTGGGCCA	CGCCTGAGCC
GCCTGCTGTC	CGCCGCCGCC	ACCAGCGCGG	TGCCAGCCCC
CAACCAGCAG	CCCGAGGTCT	TCTGCAACCA	GATCTTCATT
AACAATGAGT	GGCATGATGC	TGTCAGCAAG	AAAACATTCC
CCACCGTCAA	CCCTTCCACG	GGGGAGGTCA	TCTGCCAGGT
AGCCGAAGGG	AACAAGGAGG	ACGTAGACAA	GGCAGTGAAG
GCCGCTCAGG	CAGCCTTCCA	GCTGGGCTCG	CCCTGGCGCC
GCATGGATGC	ATCTGACAGG	GGCCGGCTGT	TGTACCGATT
GGCTGATCTC	ATCGAACGGG	ACCGGACCTA	CCTGGCGGCC
TTGGAGACCC	TGGACAACGG	CAAGCCTTAT	GTCATCTCCT
ACCTGGTGGA	TTTGGACATG	GTTCTGAAAT	GTCTCCGCTA
TTATGCTGGC	TGGGCTGACA	AGTACCACGG	GAAAACCATT
CCCATCGATG	GCGACTTCTT	CAGCTACACC	CGCCACGAGC
CTGTGGGCGT	GTGTGGACAG	ATCATTCCGT	GGAACTTCCC
GCTCCTGATG	CAAGCCTGGA	AGCTGGGCCC	TGCCTTGGCA
ACTGGAAACG	TGGTGGTGAT	GAAAGTGGCC	GAGCAGACAC
CGCTCACTGC	ACTCTACGTG	GCCAACTTGA	TCAAGGAGGC
AGGCTTCCCC	CCTGGTGTGG	TCAATATTGT	TCCTGGATTC
GGCCCTACCG	CCGGGGCTGC	CATCGCGTCC	CACGAGGATG
TGGACAAAGT	GGCCTTCACA	GGTTCCACTG	AGGTTGGTCA
CCTAATCCAG	GTTGCCGCCG	GGAGCAGCAA	TCTCAAGAGA
GTAACCCTGG	AACTGGGGGG	AAAGAGCCCC	AATATCATCA
TGTCAGACGC	TGACATGGAC	TGGGCTGTGG	AACAGGCCCA
CTTTGCCCTG	TTCTTCAACC	AGGGCCAGTG	CTGTTGTGCG
GGCTCCCGGA	CCTTCGTGCA	GGAGGATGTG	TATGATGAAT
TCGTGGAACG	CAGTGTGGCC	CGGGCCAAGT	CTCGGGTGGT
CGGGAACCCT	TTCGACAGCC	GGACGGAGCA	GGGGCCGCAG
GTGGATGAGA	CTCAGTTTAA	GAAGATCCTG	GGCTATATCA
AGTCAGGACA	ACAAGAAGGG	GCGAAGCTGC	TGTGCGGTGG
GGGCGCCGCC	GCAGACCGTG	GTTACTTCAT	CCAGCCCACC
GTGTTCGGAG	ACGTCAAAGA	TGGCATGACC	ATCGCCAAGG
AGGAGATCTT	CGGACCAGTG	ATGCAGATCC	TCAAATTCAA
GACCATTGAG	GAGGTTGTGG	GGCGAGCCAA	TAATTCCAAG
TACGGGCTGG	CTGCCGCTGT	CTTCACAAAG	GACCTGGACA
AGGCCAATTA	CCTGTCCCAA	GCTCTGCAGG	CTGGGACTGT
GTGGATCAAC	TGCTACGATG	TGTTTGGGGC	CCAGTCCCCA
TTTGGTGGCT	ATAAGATGTC	GGGGAGCGGC	AGGGAGCTGG
GCGAGTATGG	CCTGCAGGCC	TACACGGAAG	TGAAGACGGT
CACCGTCAAA	GTGCCACAGA	AGAACTCGTA	AAGTGGCGTG

Fig. 11A

CAGGCTTCCT	CAGCCAGCGC	CCAAAAACCC	AACAAGATCC
TGAGAAAAGC	CACCACCAAG	CACACTGCGC	CTGCCAAGAG
AAAACCCCTT	CACCAAAGCG	TCTTGGGCCA	AGAAAGTCAG
GATTTGATAA	ACAGGGCAGG	GTTGGTGGC	GGTGTGTGGG
GAGCATCCCA	GTAAACTGGG	GAAGGGAGGA	GCTCTGTGCA
GACTACCACG	CGCACGCACA	CACGCTCACT	GGGTCCTTCT
GTGCTGGATG	CTGGTTCCAC	CCTCAGTGCT	TAAACAAATG
AGCAATAAA			

Fig. 11B

GCTCTCGGTC	CGCTCGCTGT	CCGCTAGCCC	GCTGCGATGT
TGCGCGCTGC	CGCCGCTCGG	GCCCGCCTG	GCCGCCGCCT
CTTGTCAGCC	GCCGCCACCC	AGGCCGTGCC	TGCCCCCAAC
CAGCAGCCCG	AGGTCTTCTG	CAACCAGATT	TTCATAAACA
ATGAATGGCA	CGATGCCGTC	AGCAGGAAAA	
CGTCAATCCG	TCCACTGGAG	AGGTCATCTG	TCAGGTAGCT
GAAGGGGACA	AGGAAGATGT	GGACAAGGCA	CGTGAAGGCC
GCCCGGGCGC	CTTCCAGCTG	GGCTCACCTT	GGCGCCGCAT
GGACGCATCA	CACAGCGGCC	GGCTGCTGAA	CCGCCTGGCC
GATCTGATCG	AGCGGGACCG	GACCTACCTG	GCGGCCTTGG
AGACCCTGGA	CAATGGCAAG	CCCTATGTCA	TCTCCTACCT
GGTGGATTTG	GACATGGTCC	TCAAATGTCT	CCGGTATTAT
GCCGGCTGGG	CTGATAAGTA	CCACGGGAAA	ACCATCCCCA
TTGACGGAGA	CTTCTTCAGC	TACACACGCC	ATGAACCTGT
GGGGGTGTGC	GGGCAGATCA	TTCCGTGGAA	TTTCCCGCTC
CTGATGCAAG	CATGGAAGCT	GGGCCCAGCC	TTGGCAACTG
GAAACGTGGT	TGTGATGAAG	GTAGCTGAGC	AGACACCCCT
CACCGCCCTC	TATGTGGCCA	ACCTGATCAA	GGAGGCTGGC
TTTCCCCCTG	GTGTGGTCAA	CATTGTGCCT	GGATTTGGCC
CCACGGCTGG	GGCCGCCATT	GCCTCCCATG	AGGATGTGGA
CAAAGTGGCA	TTCACAGGCT	CCACTGAGAT	TGGCCGCGTA
ATCCAGGTTG	CTGCTGGGAG	CAGCAACCTC	AAGAGAGTGA
CCTTGGAGCT	GGGGGGAAG	AGCCCCAACA	TCATCATGTC
AGATGCCGAT	ATGGATTGGG	CCGTGGAACA	GGCCCACTTC
GCCCTGTTCT	TCAACCAGGG	CCAGTGCTGC	TGTGCCGGCT
CCCGGACCTT	CGTGCAGGAG	GACATCTATG	ATGAGTTTGT
GGTGCGGAGC	GTTGCCCGGG	CCAAGTCTCG	GGTGGTCGGG
AACCCCTTTG	ATAGCAAGAC	CGAGCAGGG	CCGCAGGTGG
ATGAAACTCA	GTTTAAGAAG	ATCCTCGGCT	ACATCAACAC
GGGGAAGCAA	GAGGGGGCGA	AGCTGCTGTG	TGGTGGGGGC
ATTGCTGCTG	ACCGTGGTTA	CTTCATCCAG	CCCACTGTGT
TTGGAGATGT	GCAGGATGGC	ATGACCATCG	CCAAGGAGGA
GATCTTCGGG	CCAGTGATGC	AGATCCTGAA	GTTCAAGACC
ATAGAGGAGG	TTGTTGGGAG	AGCCAACAAT	TCCACGTACG
GGCTGGCCGC	AGCTGTCTTC	ACAAAGGATT	TGGACAAGGC
CAATTACCTG	TCCCAGGCCC	TCCAGGCGGG	CACTGTGTGG
GTCAACTGCT	ATGATGTGTT	TGGAGCCCAG	TCACCCTTTG
GTGGCTACAA	GATGTCGGGG	AGTGGCCGGG	AGTTGGGCGA
GTACGGGCTG	CAGGCATACA	CTGAAGTGAA	AACTGTCACA
GTCAAAGTGC	CTCAGAAGAA	CTCATAAGAA	TCATGCAAGC

Fig. 12A

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TTCCTCCCTC	AGCCATTGAT	GGAAAGTTCA	GCAAGATCAG
CAACAAAACC	AAGAAAAATG	ATCCTTGCGT	GCTGAATATC
TGAAAAGAGA	AATTTTTCCT	ACAAAATCTC	TTGGGTCAAG
AAAGTTCTAG	AATTTGAATT	GATAAACATG	GTGGGTTGGC
TGAGGGTAAG	AGTATATGAG	GAACCTTTTA	AACGACAACA
ATACTGCTAG	CTTTCAGGAT	GATTTTTAAA	AAAŤAGATTC
AAATGTGTTA	TCCTCTCTCT	GAAACGCTTC	CTATAACTCG
AGTTTATAGG	GGAAGAAAA	GCTATTGTTT	ACAATTATAT
CACCATTAAG	GCAACTGCTA	CACCCTGCTT	TGTATTCTGG
GCTAAGATTC	ATTAAAAACT	AGCTGCTCT	

Fig. 12B